Patent Application No. 09/076,164 to Himes et al., entitled "Flex Circuit Head Interconnect With Insulating Spacer," now U.S. Patent No. 6,046,886, incorporated herein by reference.

IN THE CLAIMS

Please cancel Claims 13, 14 and 16-20.

Please amend Claims 2-12 and 15 as follows:

2. (Amended) A disc drive comprising:

at least one data storage disc;

a suspension assembly that includes a transducer head supported on an adjustable arm; and

a flexible circuit comprising an electrically conductive element and a dielectric liquid crystal substrate laminated to the conductive element, the flexible circuit being electrically connected to the transducer head and the transducer head being configured to be carried proximate a surface of a spinning data storage disc.

3. (Amended) The disc drive of claim 2 wherein the conductive element comprises copper.

4. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has a thickness less than about 0.001 inches.

5. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has a thickness from about 0.0001 inches to about 0.0005 inches.

6. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate comprises a polyester.

7. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has a dielectric constant from about 2.6 to about 3.0.

8. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has a coefficient of thermal expansion from about 15 ppm/°C to about 19 ppm/°C.

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9. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has a coefficient of humidity expansion of less than about 4 ppm/% relative humidity.

10. (Amended) The disc drive of claim 2 wherein the dielectric liquid crystal substrate has an elastic modulus from about 900 kpsi to about 1300 kpsi.

11. (Amended) The disc drive of claim 2 further comprising a cover coating forming protective coating over at least a portion of the conductive element.

12. (Amended) The disc drive of claim 2 wherein the liquid crystal substrate comprises a thermoplastic.

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15. (Amended) The disc drive of claim 2 wherein the data storage disc comprises a magnetic disc.
